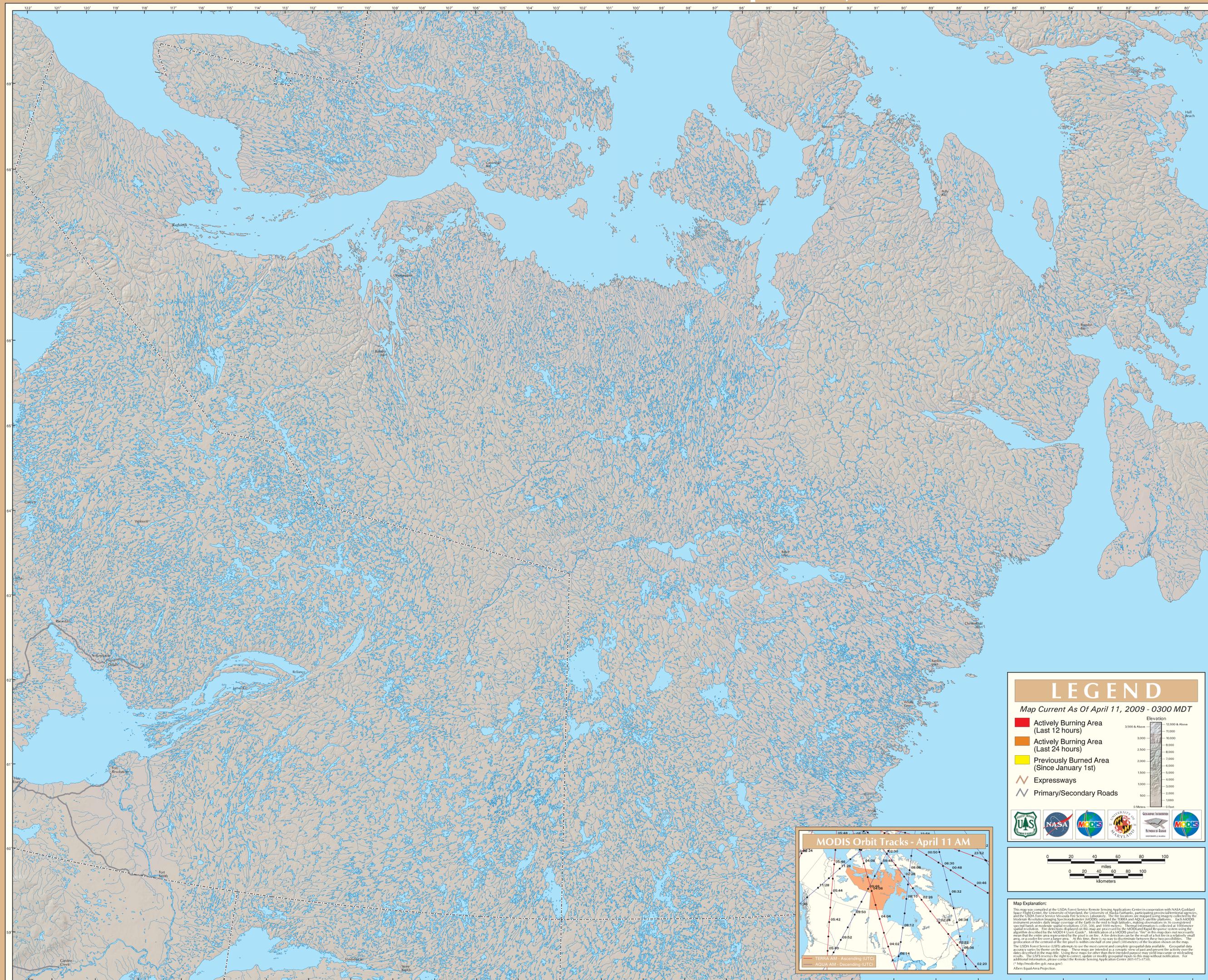


# MODIS Active Fire Detections - April 11, 2009

Southern Nunavut



## LEGEND

*Map Current As Of April 11, 2009 - 0300 MDT*

- Actively Burning Area (Last 12 hours)
- Actively Burning Area (Last 24 hours)
- Previously Burned Area (Since January 1st)
- Expressways
- Primary/Secondary Roads

Elevation

3,500 & Above

3,000

2,500

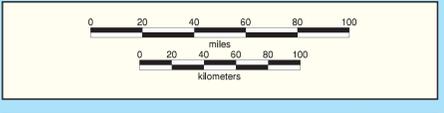
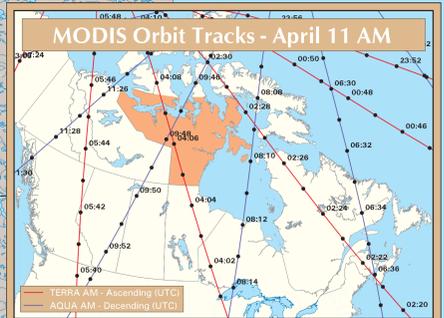
2,000

1,500

1,000

500

0 Meters



**Map Explanation:**

This map was compiled at the USDA Forest Service Remote Sensing Applications Center in cooperation with NASA Goddard Space Flight Center, the University of Maryland, the University of Alaska Fairbanks, participating provincial territorial agencies, and the USDA Forest Service Alaska Fire Science Laboratory. The fire line locations, including fire perimeter, are derived from the Moderate Resolution Imaging Spectroradiometer (MODIS) onboard the Terra and Aqua satellite platforms. Each MODIS instrument provides daily image coverage of the Earth in the visible to high latitude, making observations on the corresponding spectral bands at moderate spatial resolutions (250, 500, and 1000 meters). Thermal information is collected at 1000-meter spatial resolution. Fire detection is derived from this map and processed by the MODIS Rapid Response system using the algorithm described by the MODIS Users Guide. Identification of a MODIS pixel as "fire" in this map does not necessarily mean that the entire area represented by the pixel is on fire. A fire detection can be the result of a hot fire in a relatively small area, or a cooler fire over a large area. At this time, there is no systematic determination of the location of the fire shown on the map. The USDA Forest Service (USFS) attempts to use the most current and complete geospatial data available. Geospatial data accuracy varies for those on the map. These maps are intended as a snapshot view of risk and present fire activity only and do not constitute a forecast. The USFS reserves the right to correct, update or modify geospatial inputs to this map without notification. For additional information, please contact the Remote Sensing Applications Center (907-475-3738).  
 (\*) <http://modis-fire.gsfc.nasa.gov/>  
 Albers Equal-Area Projection.